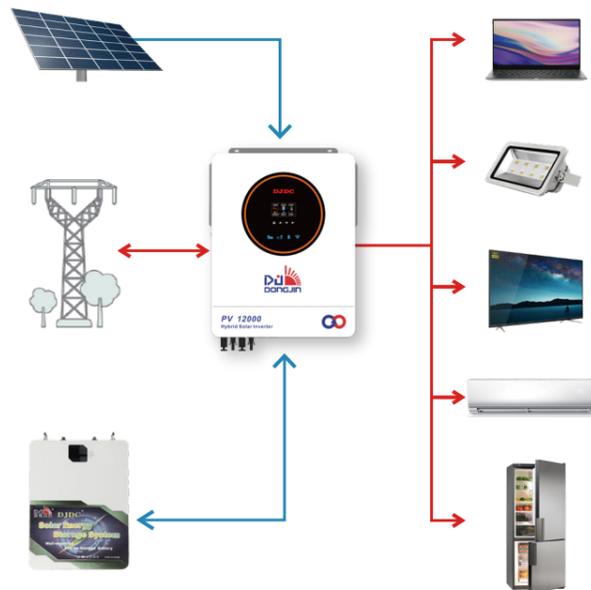




## »» Features

- Pure sine wave solar inverter(on/off grid)
- Wide PV input voltage range(90-450Vdc)
- Built-in 160A MPPT solar charge
- Working with battery&without battery
- Smart battery charge design to optimize battery life
- Dual output
- Touch button
- Build-in anti-dusk kit for harsh environment
- WiFi monitoring function(optional)
- RS485 communication for BMS



## CONTACT US

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Dongjin Battery Pk  
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## »» Product Data Sheet

MODEL	N22-PV 12000
Phase	
Maximum PV Input Power	10200W
Rated Output Power	10200W/10200VA
Maximum Solar Charging Current	160A
<b>GRID-TIE OPERATION</b>	
<b>PV Input(DC)</b>	
Nominal DC Voltage/Maximum DC Voltage	360VDC/500VDC
Start-up Voltage/Initial Feeding Voltage	90VDC/120VDC
MPPT Voltage Range	90VDC~450VDC
Number Of MPPT Trachers/Maximum Input Current	1/27A
<b>GRID OUTPUT(AC)</b>	
Nominal Output Voltage	200/230/240VAC
Output Voltage Range	195.5~253VAC
Nominal Output Current	44.3A
Power Factor	>0.99
Feed-in Grid Frequency Range	49~51±1Hz
<b>EFFICIENCY</b>	
Maximum Conversion Efficiency(DC/AC)	98%
<b>TWO LOAD OUTPUT POWER(V2.0)</b>	
Full Load	10200W
Maximum Main Load	10200W
Maximum Second Load(Battery mode)	3400W
Main Load Cut Off Voltage	44VDC
Main Load Return Voltage	48VDC
<b>OFF-GRID OPERATION</b>	
<b>AC INPUT</b>	
AC Start-up Voltage/Auto Restart Voltage	120-140VAC / 180VAC
Acceptable Input Voltage Range	90-280VAC or 170-280VAC
Maximum AC Input Current	50A
Nominal Operating Frequency	48VDC
Surge Power	20400W
<b>PV INPUT(DC)</b>	
Maximum DC Voltage	500VDC
MPPT Voltage Range	90VDC~450VDC
Number of MPPT Trackers/Maximum Input Current	1/27A
<b>BATTERY MODE OUTPUT(AC)</b>	
Nominal Output Voltage	48VDC
Output Wavefrom	PURE SINE WAVE
Efficiency(DC to AC)	94%
<b>BATTERY &amp; CHARGER</b>	
Nominal DC Voltage	48VDC
Maximum Solar Charging Current	160A
Maximum AC Charging Current	140A
<b>PHYSICAL</b>	
Dimension,D X WXH	537*390*130
Net Weight(kgs)	14.5